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Epiphan Webcaster X2 - Technical Specifications

Video inputs	Connectors	1 x HDMI™ 1 x USB *you can connect one USB camera or USB audio device that is UAC plug-and-play (beta). Interlaced video signals and PAL are not supported	
	Input resolutions: HDMI	720p (30 or 60 Hz / fps) 1080p (30 or 60 Hz / fps) *only these input types are supported. Interlaced video signals, PAL and other frame rates not supported	
	Input resolutions: USB	720p (30 or 60 Hz / fps) *Interlaced video signals, PAL and other frame rates not supported	
Audio input	Embedded HDMI audio at 44.1 kHz and 48 kHz (firmware 2.5 or higher needed for 48 kHz support), or 1 x USB audio device that is UAC plug-and-play (beta)		
	USB audio (beta) feature for plug-and-play UAC devices		
Local video output	Connectors	1 x HDMI out with audio for local video display or confidence monitoring	
Audio output	Embedded HDMI audio		
Streaming output	Destination	YouTube, Facebook Live, Twitch, Switchboard Cloud, Blue Frame, BabyFlix (choose one)	
	Codec	H.264	
	Video bit rates	Default: 2000 kbps, Configurable: 1000 kbps, 2000 kbps, 3000 kbps, or 4000 kbps Note: By default each Webcaster X2 you connect to your network needs a constant uplink bandwidth of up to 2 Mbps. You can use popular internet speed tests to determine the peak bandwidth you have available, but be cautious with this value as other people and devices, including voice over IP phone systems, can use a significant portion of your available uplink.	
	Key frame interval	2s	
	Max frame rate	30fps	
	Color space	4:2:0	
	Output frame size	Default 720p at 30 fps (1280×720), supports up to 1080p at 30 fps (1920×1080)	
Audio encoding	Audio codecs	Encoder	Bitrate
		AAC	128 kbps

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Network interfaces	Connector	1 x Ethernet RJ45
	Wi-Fi	2.4 GHz 802.11 b/g/n
Storage (with AV Studio only)	External	V30 or U3 class microSDHC card with a minimum of 4 GB available capacity (user supplied - default)
		FAT32 formatted USB 3.0 memory stick (user supplied)
	Internal	12 GB
Administration	Front panel LCD screen	
	HDMI OUT port for HDMI monitor support for additional configuration	
	3 x USB ports for USB mouse, keyboard, and BETA USB camera feature	
	Note: the AV, TF (SD card), and Optical audio ports on Webcaster X2 are not used	
Product dimensions	4.625" × 4.875" × 1" (117 mm x 124 mm x 25 mm) plus antenna	
Max operating temperature	35°C	
Product weight	0.6 lbs (0.272 kg)	
Country of origin	Made in China	
What's in the box	1 x Webcaster X2 1 x WiFi antenna 1 x HDMI cable 1 x Ethernet cable 1 x 5V DC 3A universal AC/DC power adapter	

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